



## Motion Imaging Corporation introduces... the HotShot Mega cc

**MIC's new line of high-speed digital video cameras provides the user with affordably priced high-speed video featuring high frame rates, high resolutions and long record times... all in one extremely compact package!**

MIC's HotShot **Mega cc** is designed to be an easy-to-use, high-speed video solution for research, test and production customers. The HotShot **Mega cc** camera and recording system provides the user with an affordably priced versatile and reliable high-speed video system in an extremely compact package.

The HotShot **Mega cc** records brilliant color images or crisp monochrome images at resolutions up to 1280 x 1024 pixels standard at 1000 frame per second - with frame rates up to 250,000 fps at reduced resolutions and recording times up to two (2) minutes!



- **1000 fps at full resolution**
- **2000 fps option for monochrome**
- **Very compact housing**
- **Gigabit Ethernet Interface**
- **Available in both Monochrome / Color**
- **Up to 16 GB Internal Memory for longer record times**
- **User friendly HotShot Link Capture & Analysis Software**



## HotShot Mega cc Features and Specifications

Resolution	1280 x 1024 Pixels
Frame Rate @ Maximum Resolution	1000 fps
Onboard Memory	2GB / 4GB / 8GB / 16GB
Maximum frame rate	250,000
Image Sensor	Progressive Scan CMOS 1.2”
Exposure Time	2 $\mu$ s—1/Framerate
Active Area	15.35mm x 12.29mm
Sensor Diagonal Dimension	19.67 mm
Pixel Size	12 $\mu$ m
Storage Bit Depth	8 Bit
Sensor Bit Depth	10 Bit
Sensitivity	ISO 1000 Mono, ISO 250 Color
Shutter	Global electronic, 2 $\mu$ s
Trigger Signal	TTL, switch, open collector, rising or falling edge, on image content variation
Synchronization	Internal, external
Interface	Gigabit Ethernet
Video Output	VGA
Power	12 VDC / 12 W
Lens Mount	C-Mount, F-Mount with Adapter
Weight	< 2.5 lbs.
Operating Temperature	32—104 degrees F
Humidity	< 80% relative, non-condensed
Dimensions	145mm x 95mm x 78.5mm
Conformity	CE, RoHS
Optional	LabView Driver



**Motion Imaging Corporation**  
15 McCoy Place  
Simi Valley, California 93065  
Tel: 805-577-0463  
Fax: 805-584-3642  
Email: Sales@mi-as.com  
Website: www.mi-as.com